

SECTION 10 11 23
TACKBOARDS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This section specifies tackboards and related items.
- B. Tackboards shall be factory assembled.
- C. Where shown, assemble tackboards into a single unit.

1.2 RELATED WORK

- A. Section 01 81 13, SUSTAINABLE DESIGN REQUIREMENTS for additional LEED requirements.
- B. Section 01 81 19, INDOOR AIR QUALITY REQUIREMENTS for VOC limit.
- C. Color of aluminum anodic coating tackboard: Section 09 06 00, SCHEDULE FOR FINISHES

1.3 QUALITY ASSURANCE

- A. Tackboards shall be the products of one manufacturer.

1.4 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.
- B. Shop Drawings: Identifying all parts by name and material and showing design, construction, installation, anchorage and relation to adjacent construction.
- C. Manufacturer's Literature and Data:
 - 1. Tackboards.
- D. Samples:
 - 1. Tackboard, 300 by 300 mm (six by six inches), each color, mounted on backing.
 - 2. Integrally colored anodized aluminum, 300 mm (six inch) length.
 - 3. Each accessory (after approval, may be used in the work).
- E. LEED Submittals:
 - 1. Credits MR 4.1 & 4.2: For products having recycled content, documentation indicating percentages by weight of post-consumer and pre-consumer recycled content.
 - a. Include statement indicating costs for each product containing recycled content.
 - 2. Credit EQ 4.1: Manufacturer's product data for installation adhesives and sealants applied on site and within the vapor barrier, including printed statement of VOC content (in g/L).
 - 3. Credit EQ 4.4:

- a. Composite wood manufacturer's product data for each composite wood product used indicating that the bonding agent contains no urea formaldehyde.
- b. Adhesive manufacturer's product data for each adhesive used indicating that the adhesive contains no urea formaldehyde

1.5 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. National Association of Architectural Metal Manufacturers (NAAMM):
AMP 500 Series.....Metal Finishes Manual
AMP 501.....Finishes for Aluminum
- C. American National Standards (ANSI):
- D. American Society for Testing and Materials (ASTM):
B221/B221M-06.....Aluminum and Aluminum Alloy Extruded Bars, Rods,
Wire, Shapes and Tubes
- E. Composite Panel Association (CPA):
A208.1-06.....Particleboard
A135.4-04.....Basic Hardboard

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-Of-Design Product: Subject to compliance with requirements, provide EISYS/BORKS VIP SERIES, or approved equivalent.
- B. LEED Requirements:
 1. Recycled Content of Steel Products: Provide steel products with minimum 25% post-consumer recycled content.
 2. Provide installation adhesives, sealants, paints, and coatings applied on site and within the vapor barrier, that comply with VOC limits outlined in Division 01 Section "Indoor Air Quality Requirements."
 3. Do not use composite wood or agrifiber products or adhesives that contain urea-formaldehyde resin

2.2 TACKBOARDS

- A. Tackboards shall consist of tackboard, snap on aluminum frame, grounds and other items specified and shown.

2.3 FABRICATION

- A. Materials:
 1. Aluminum, extruded: ASTM B221.
 2. Fabric: Refer to Section 09 06 00, SCHEDULE OF FINISHES.
 3. Backing: Hardboard, AHBA A135.4 or particleboard, CPA A208.1.

B. Components:

1. Tackboard: Cork face, 6 mm (1/4-inch) thick factory laminated to a hardboard or particleboard backing of thickness required.
2. Frames (Trim): Extruded aluminum, 1.5 mm (0.060-inch) thick, snap-on type, approximate face width 44 mm (1-3/4 inch), depth and configuration as required to return to wall and engage clips.
3. Display Rail: Snap-on sliding track type, same materials as frames, approximate face width one inch with 6 mm (1/4-inch) thick cork insert.
4. Grounds: Continuous zinc-coated (galvanized) steel or extruded aluminum members designed to support the tackboard and clips for snap-on frames, and display rail
5. Clips: Manufacturer's standard as required to support frame and display rail,

C. Tackboards 3660 mm (12 feet) or less in length shall be in one piece. Larger units shall have one joint at center. Joints shall have metal spline, with faces in same plane and edges shall touch along entire length.

D. Finish exposed aluminum surfaces as follows:

1. AA 45 chemically etched medium matte, with clear anodic coating Class II Architectural, 0.4 mils thick (AA-M12C22A32).

PART 3 - EXECUTION**3.1 INSTALLATION, GENERAL**

- A. Install units in accordance with the manufacturer's installation instructions, use concealed fasteners.
- B. Inspect surfaces and related construction to receive units. Partitions shall have reinforcing to receive fasteners. Verify type and placement of reinforcement.
- C. Do not proceed with the installation until reinforcement is in place and surfaces are flat.
- D. Assemble units as specified by the manufacturer.

3.2 INSTALLATION OF TACKBOARD:

- A. Mount tackboards with adhesive and blocking pads spaced 16 inches on center each way.
- B. Grounds designed to receive clips for snap-on trim shall be continuous and be secured 300 mm (12 inches) on center. Space clips 300 mm (12 inches) on center

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